

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-113 60**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

| | μm | ϕ | GRAIN SIZE DISTRIBUTION | | | |
|---------------------------------------|-----------------------------|----------------------------|-------------------------|----------------------------|-----------------------|--------------------|
| MODE 1: | 302.5 | 1.747 | GRAVEL: 0.7% | COARSE SAND: 6.0% | | |
| MODE 2: | | | SAND: 99.3% | MEDIUM SAND: 91.6% | | |
| MODE 3: | | | MUD: 0.0% | FINE SAND: 0.4% | | |
| D ₁₀ : | 261.8 | 1.054 | | V FINE SAND: 0.0% | | |
| MEDIAN or D ₅₀ : | 317.1 | 1.657 | V COARSE GRAVEL: 0.0% | V COARSE SILT: 0.0% | | |
| D ₉₀ : | 481.5 | 1.934 | COARSE GRAVEL: 0.0% | COARSE SILT: 0.0% | | |
| (D ₉₀ / D ₁₀): | 1.839 | 1.834 | MEDIUM GRAVEL: 0.0% | MEDIUM SILT: 0.0% | | |
| (D ₉₀ - D ₁₀): | 219.7 | 0.879 | FINE GRAVEL: 0.2% | FINE SILT: 0.0% | | |
| (D ₇₅ / D ₂₅): | 1.297 | 1.258 | V FINE GRAVEL: 0.6% | V FINE SILT: 0.0% | | |
| (D ₇₅ - D ₂₅): | 83.54 | 0.375 | V COARSE SAND: 1.2% | CLAY: 0.0% | | |
| | METHOD OF MOMENTS | | | FOLK & WARD METHOD | | |
| | Arithmetic μm | Geometric μm | Logarithmic ϕ | Geometric μm | Logarithmic ϕ | Description |
| MEAN (\bar{x}): | 382.5 | 344.6 | 1.537 | 332.7 | 1.588 | Medium Sand |
| SORTING (σ): | 301.1 | 1.392 | 0.477 | 1.290 | 0.367 | Well Sorted |
| SKEWNESS (S_k): | 9.009 | 3.627 | -3.627 | 0.414 | -0.414 | Very Coarse Skewed |
| KURTOSIS (K): | 106.3 | 20.74 | 20.74 | 1.427 | 1.427 | Leptokurtic |

GRAIN SIZE DISTRIBUTION